Fig.1

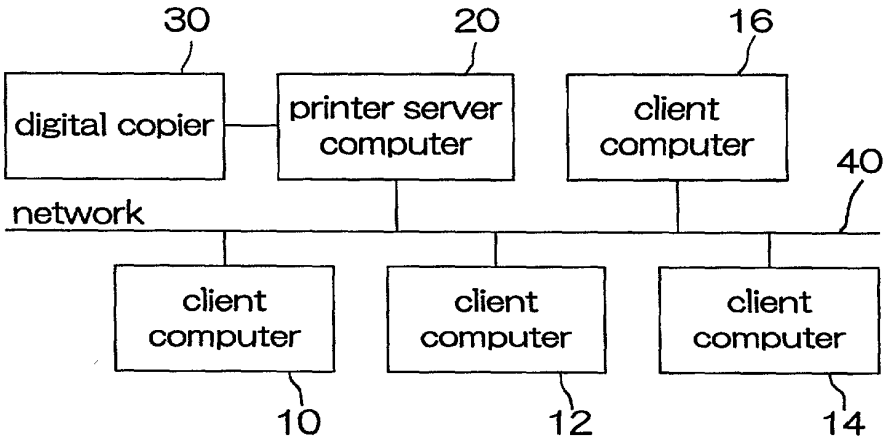

30
20
16
digital copier
printer server computer
client computer
40
network
client computer
client computer
client computer
10
12
14

Fig.2

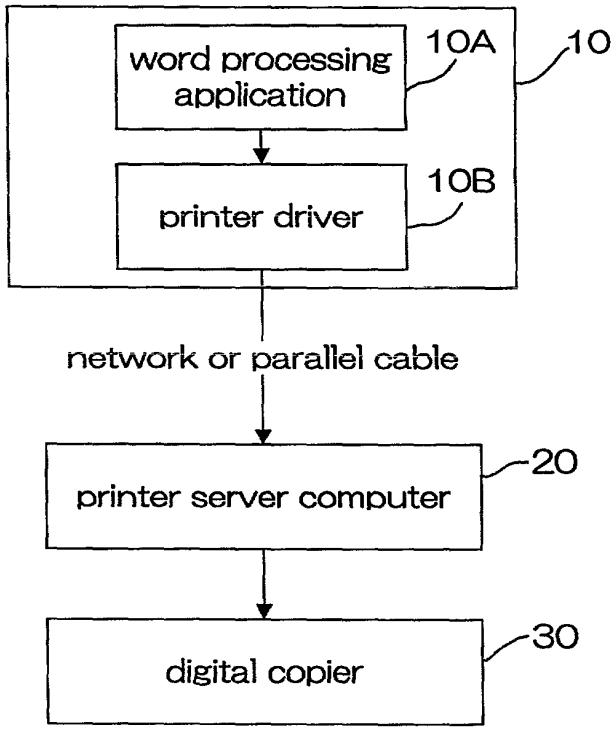

word processing application
10A
10
printer driver
10B
network or parallel cable
printer server computer
20
digital copier
30

Fig.3

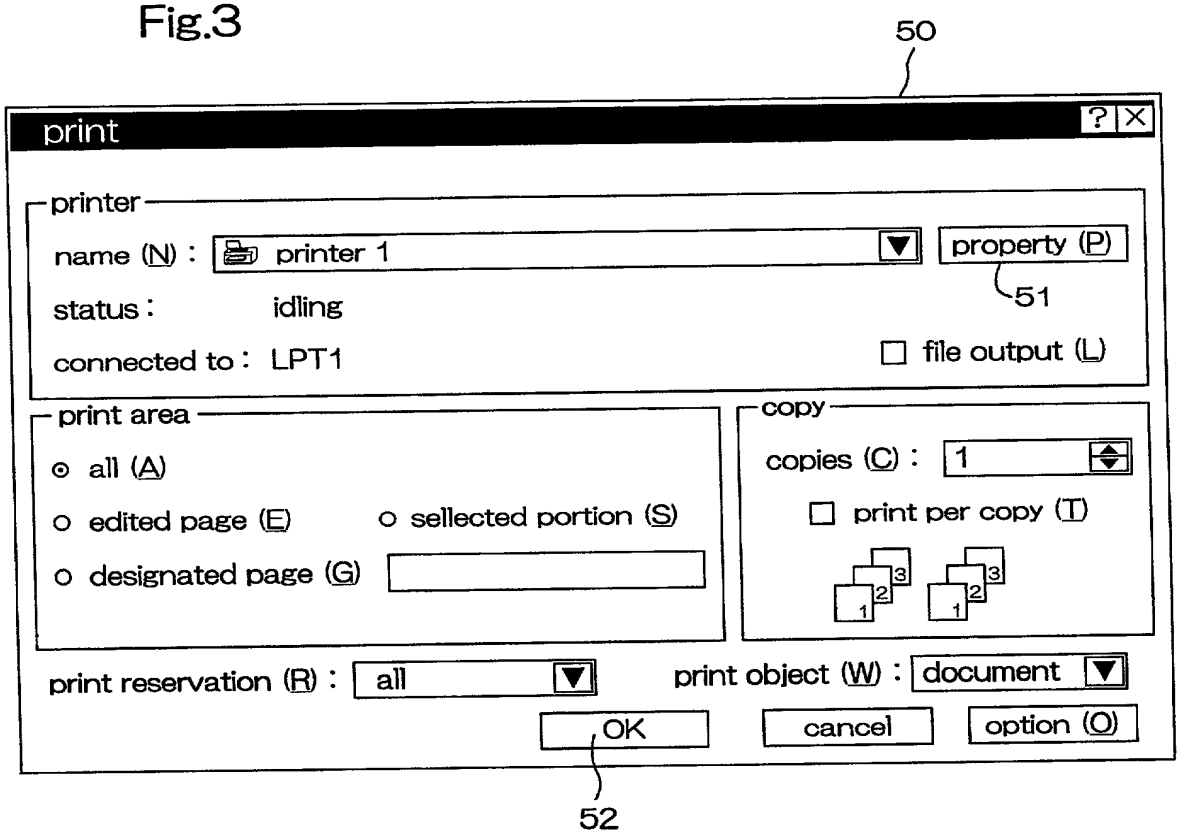

50
print
printer
name (N) : printer 1
property (P)
51
status : idling
connected to : LPT1
file output (L)
print area
all (A)
edited page (E)
sellected portion (S)
designated page (G)
copy
copies (C) : 1
print per copy (T)
print reservation (R) : all
print object (W) : document
OK
cancel
option (O)
52

Fig.4

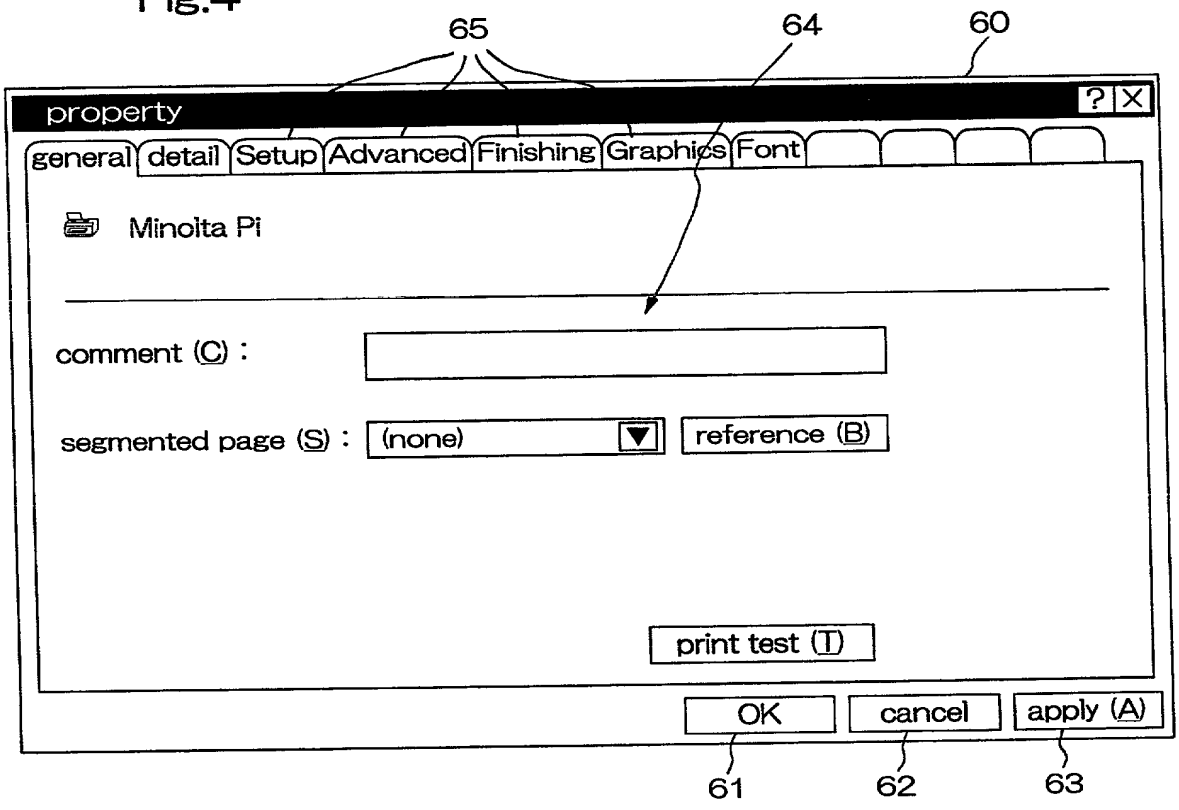

65
64
60
property
general
detail
Setup
Advanced
Finishing
Graphics
Font
Minolta Pi
comment (C) :
segmented page (S) : (none)
reference (B)
print test (T)
OK
cancel
apply (A)
61
62
63

Fig.5

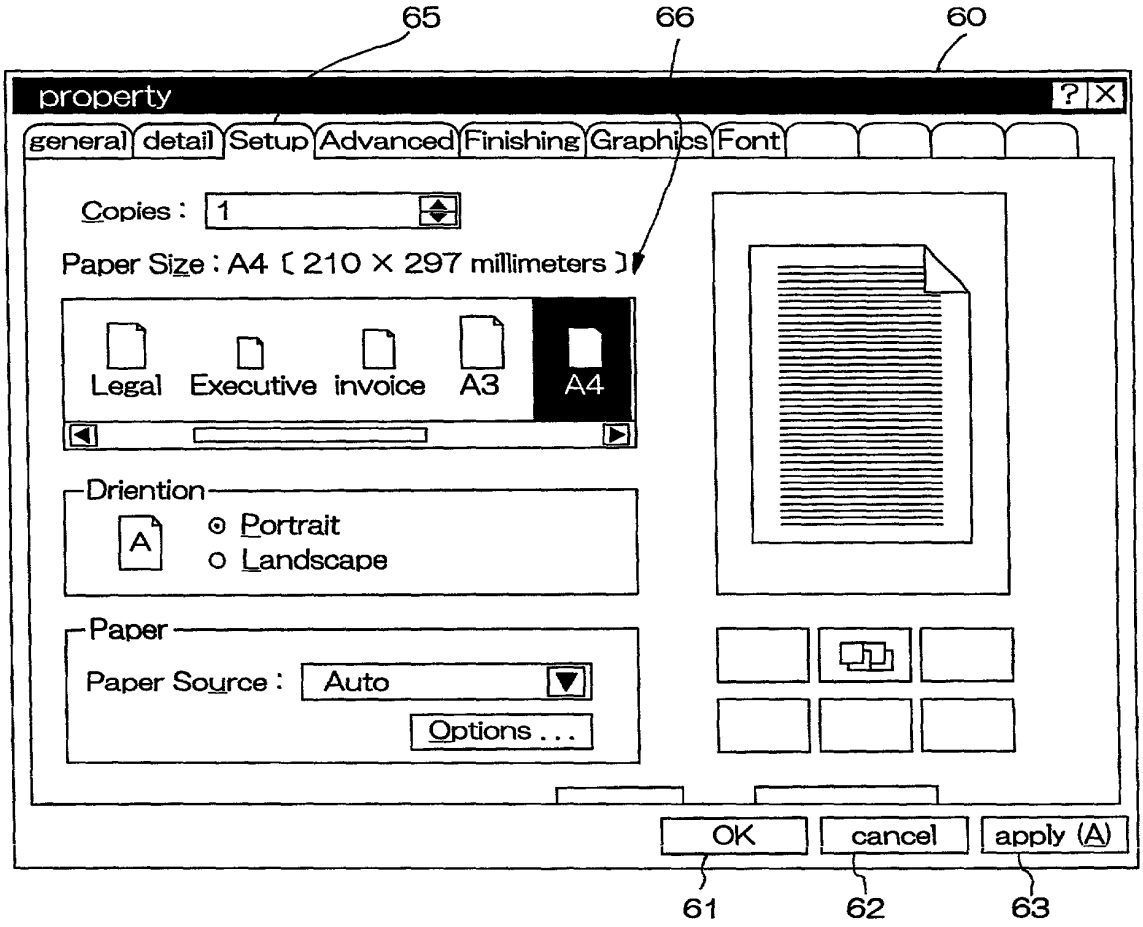

65
66
60
property
general
detail
Setup
Advanced
Finishing
Graphics
Font
Copies : 1
Paper Size : A4 [210 × 297 millimeters]
Legal
Executive
invoice
A3
A4
Drientation
Portrait
Landscape
Paper
Paper Source : Auto
Options . . .
OK
cancel
apply (A)
61
62
63

Fig.6

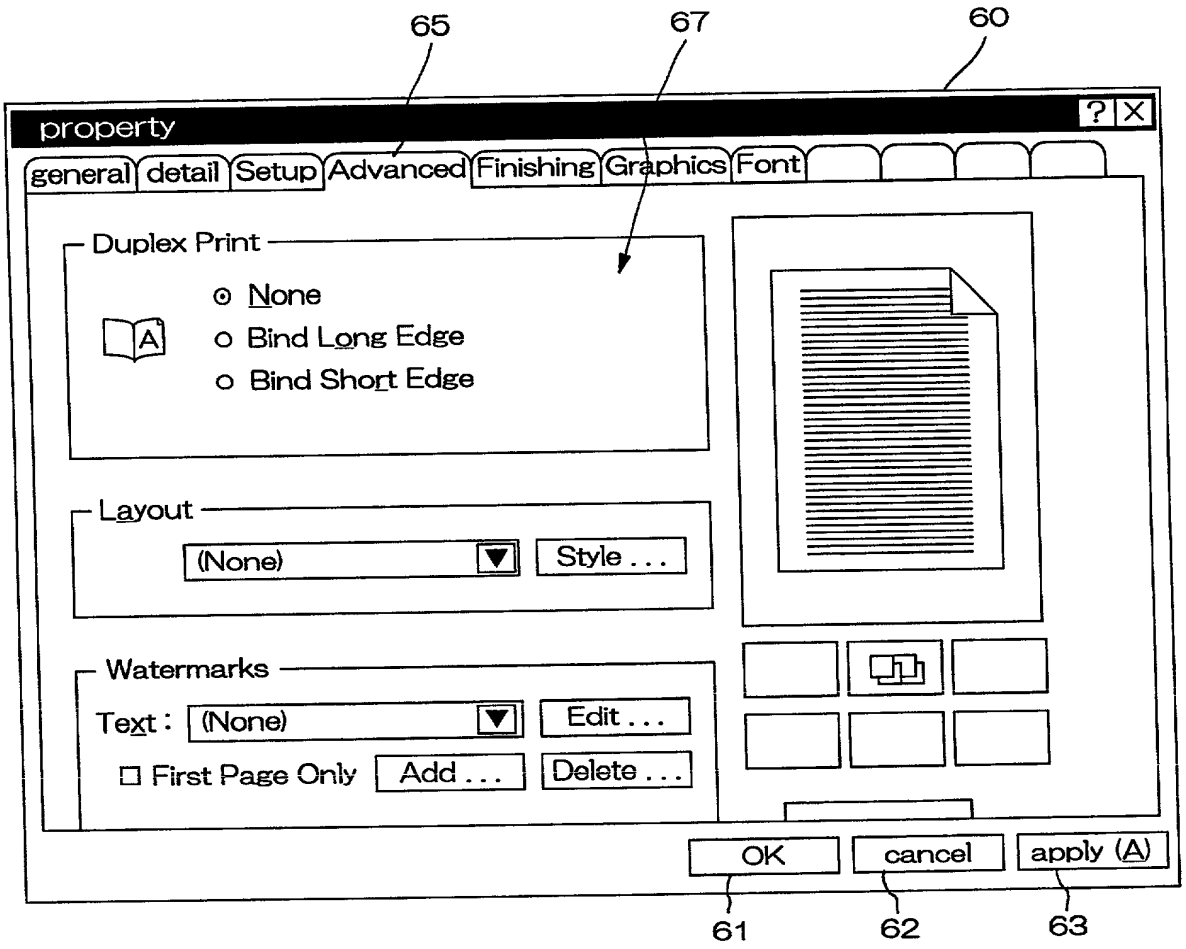

65
67
60
property
general
detail
Setup
Advanced
Finishing
Graphics
Font
Duplex Print
None
Bind Long Edge
Bind Short Edge
Layout
(None)
Style . . .
Watermarks
Text :
(None)
Edit . . .
First Page Only
Add . . .
Delete . . .
OK
cancel
apply (A)
61
62
63

Fig.7

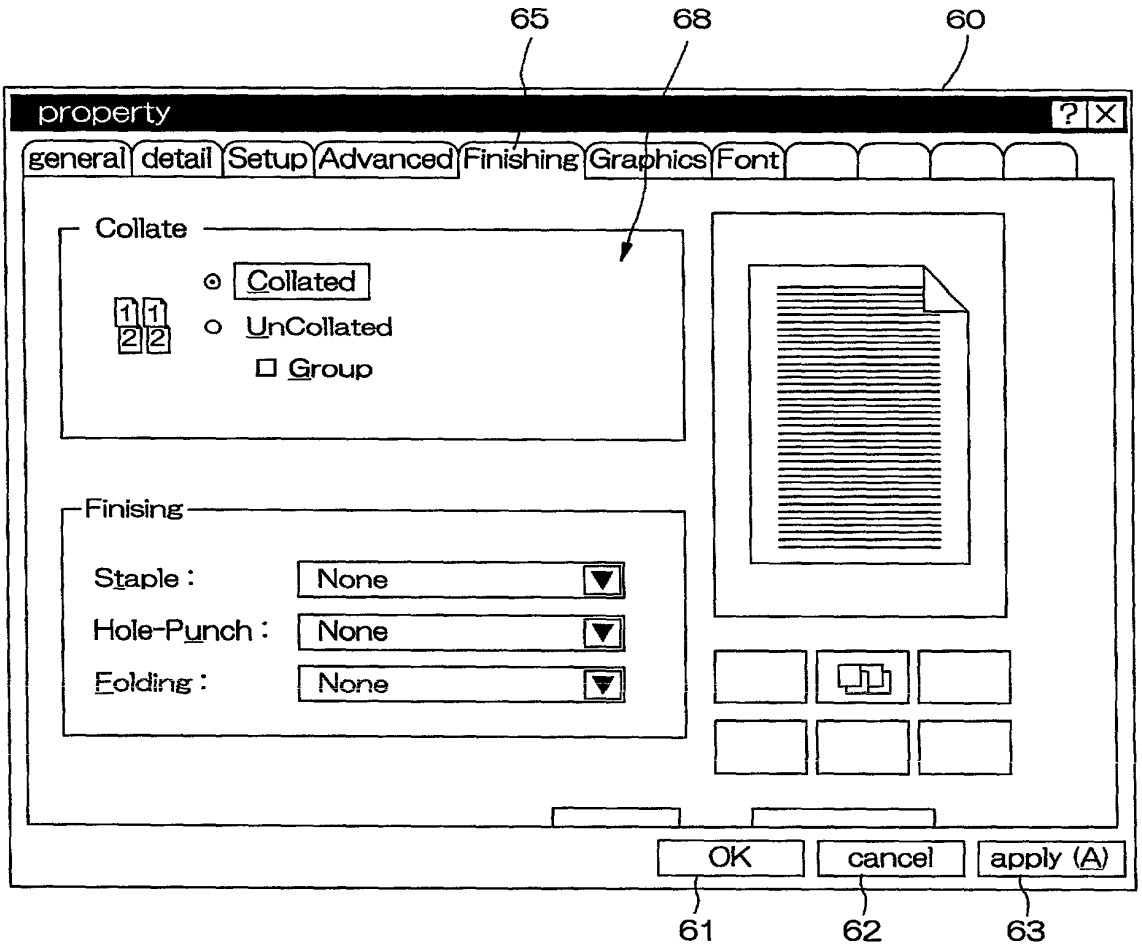

65
68
60
property
general
detail
Setup
Advanced
Finishing
Graphics
Font
Collate
Collated
UnCollated
Group
Finising
Staple :
None
Hole-Punch :
None
Folding :
None
OK
cancel
apply (A)
61
62
63

Fig.8

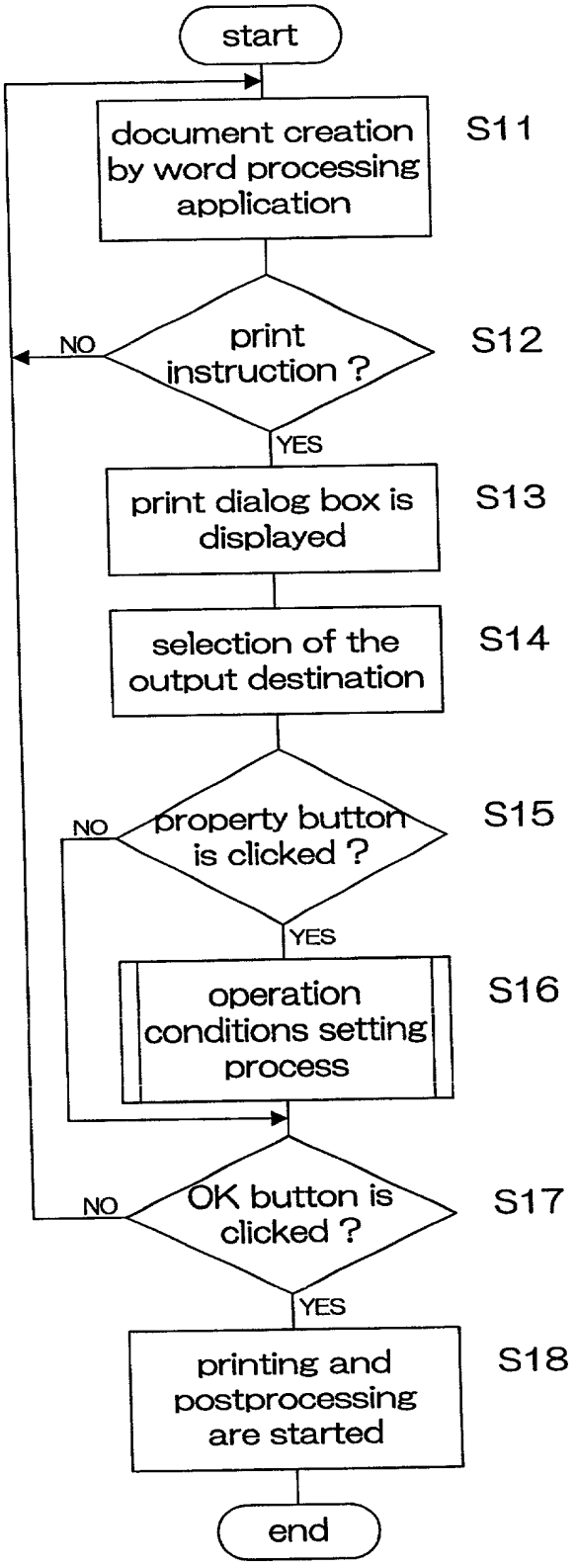

start
document creation by word processing application
S11
print instruction ?
NO
S12
YES
print dialog box is displayed
S13
selection of the output destination
S14
property button is clicked ?
NO
S15
YES
operation conditions setting process
S16
OK button is clicked ?
NO
S17
YES
printing and postprocessing are started
S18
end

Fig.9

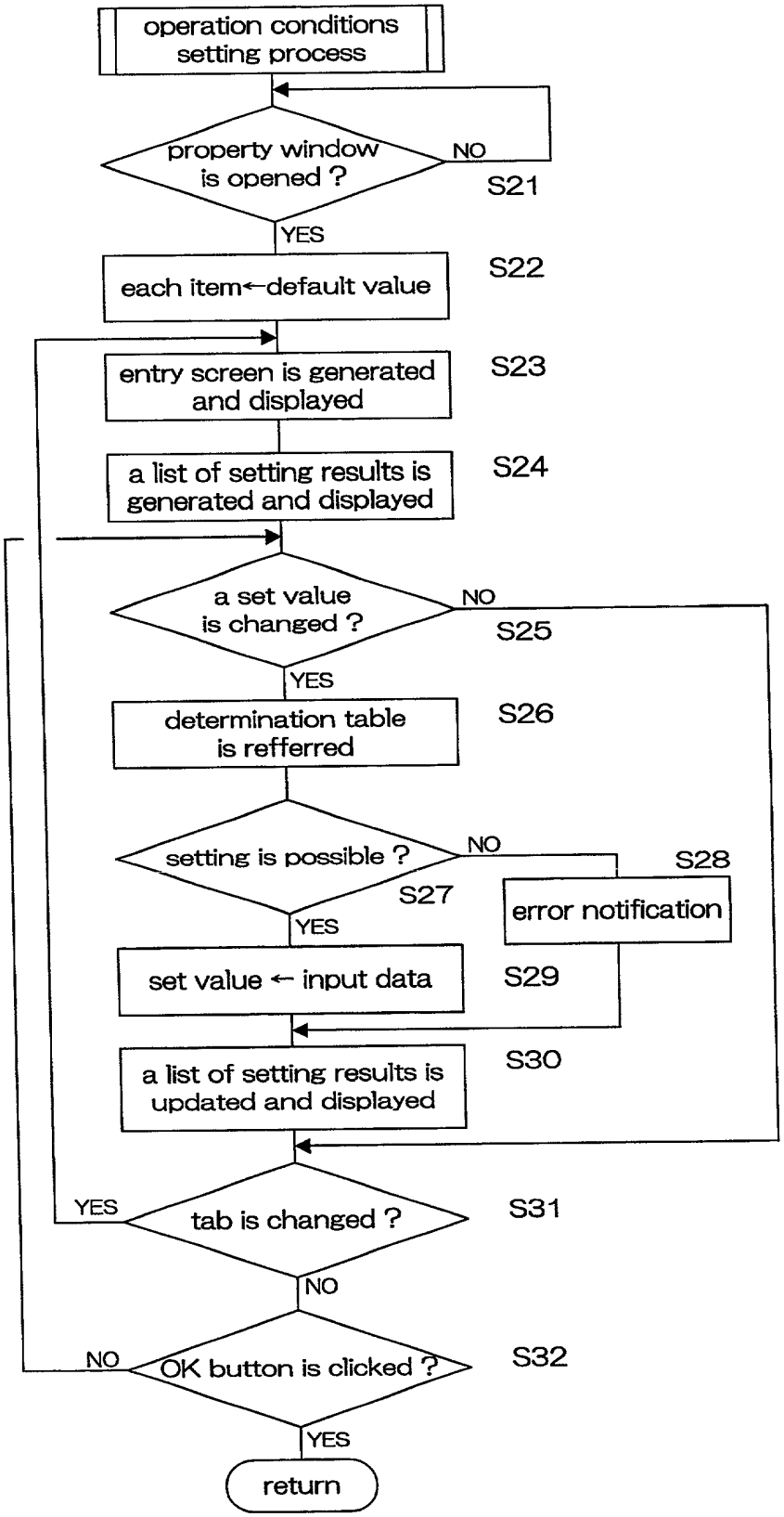

operation conditions setting process
property window is opened ?
NO
S21
YES
each item←default value
S22
entry screen is generated and displayed
S23
a list of setting results is generated and displayed
S24
a set value is changed ?
NO
S25
YES
determination table is refferred
S26
setting is possible ?
NO
S28
S27
error notification
YES
set value ← input data
S29
a list of setting results is updated and displayed
S30
YES
tab is changed ?
S31
NO
NO
OK button is clicked ?
S32
YES
return

Fig.10

70

pre-set mode / post-set mode				Setup									
					Paper Size				()rio n.		Paper		
				Copies	[Letter]	Ledger	A4	A3	[Portrait]	Landscape	[Auto]	Upper Tray	2nd Tray
Finishing	Collate		[Collate]	○	○	○	○	○	○	○	○	○	○
		UnCollated		×	○	○	○	○	○	○	○	○	○
		Group	[Off]	×	○	○	○	○	○	○	○	○	○
			On	×	○	○	○	○	○	○	○	○	○
	Staple		[None]	○	○	○	○	○	○	○	○	○	○
			Corner	○	○	○	○	○	○	○	○	○	○
			Long Edge 2-points	○	○	○	○	○	○	○	○	○	○
			Short Edge 2-points	○	×	○	×	○	○	○	○	○	○
			Center 2-points	○	○	○	○	○	○	○	○	○	○
	Hole-Punch		[None]	○	○	○	○	○	○	○	○	○	○
			Long Edge Punch	○	○	○	○	○	○	○	○	○	○
			Short Edge Punch	○	×	○	×	○	○	○	○	○	○
	Folding		[None]	○	○	○	○	○	○	○	○	○	○
			Crease	○	×	○	×	○	○	○	○	○	○
			Half-Fold	○	×	○	×	○	○	○	○	○	○
			Z-Fold	○	○	○	○	○	○	○	○	×	×

Fig.11

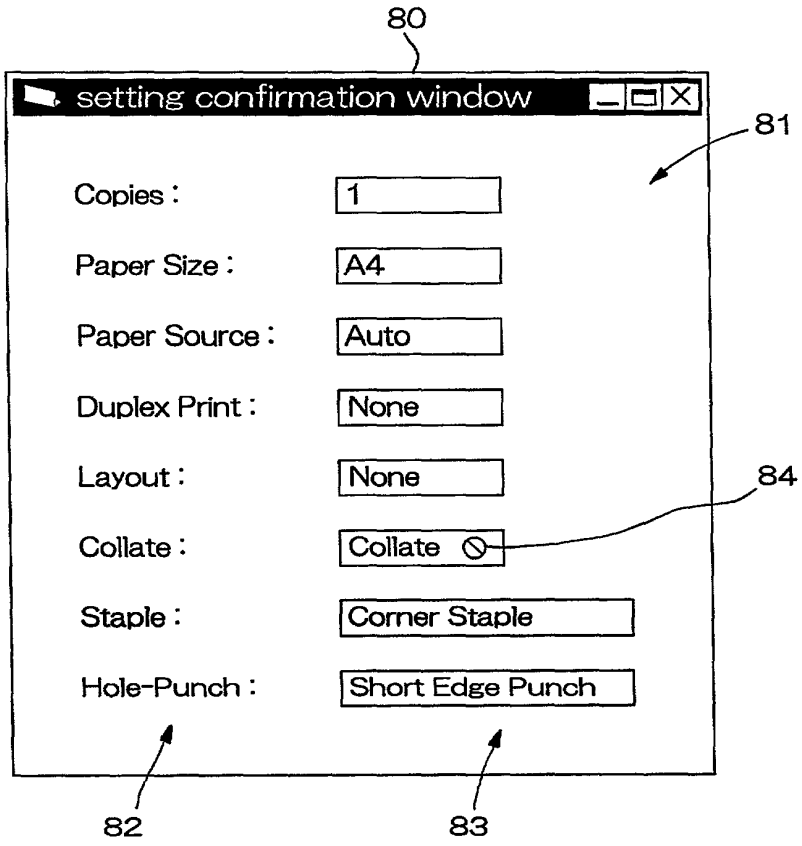

80
setting confirmation window
81
Copies :
1
Paper Size :
A4
Paper Source :
Auto
Duplex Print :
None
Layout :
None
84
Collate :
Collate
Staple :
Corner Staple
Hole-Punch :
Short Edge Punch
82
83

Fig.12

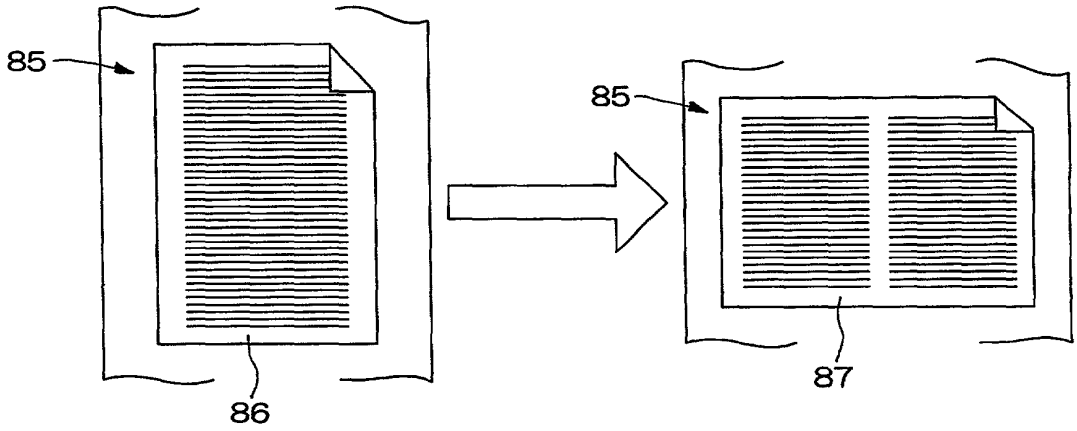

85
85
86
87

Fig.13

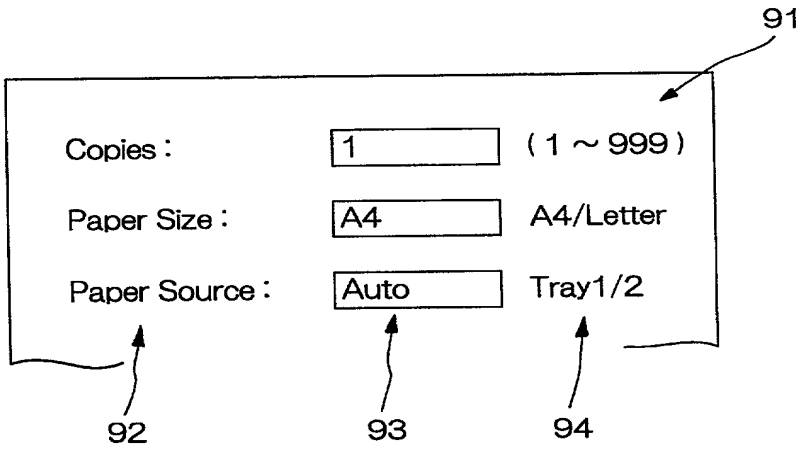

91
Copies :
1
(1 ~ 999)
Paper Size :
A4
A4/Letter
Paper Source :
Auto
Tray1/2
92
93
94

Fig.14

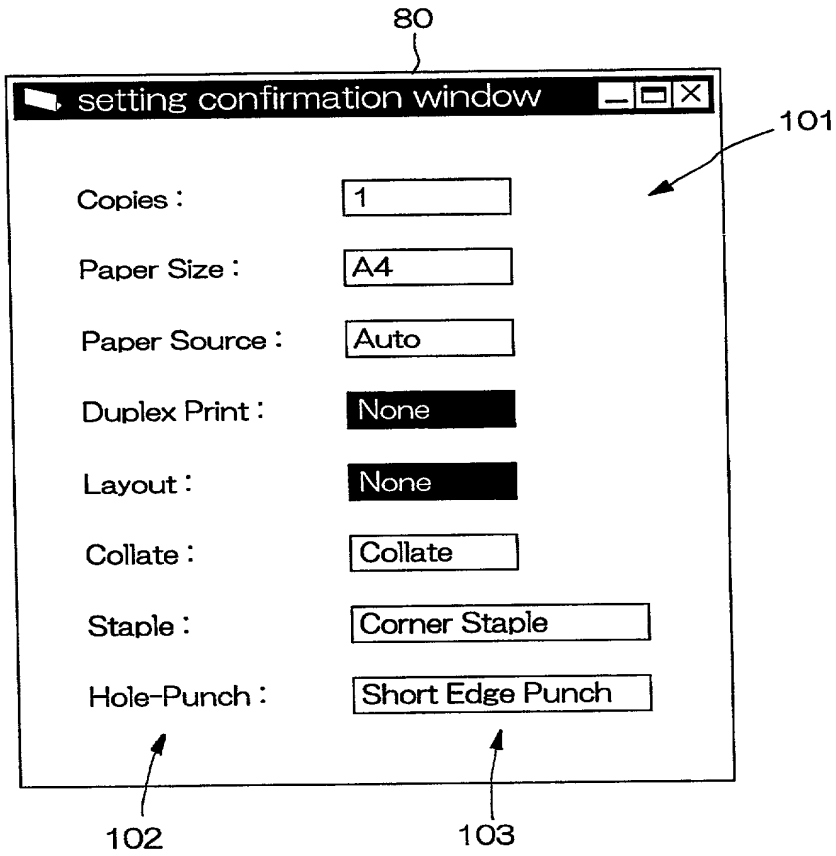

80
setting confirmation window
101
Copies :
1
Paper Size :
A4
Paper Source :
Auto
Duplex Print :
None
Layout :
None
Collate :
Collate
Staple :
Corner Staple
Hole-Punch :
Short Edge Punch
102
103

Fig.15

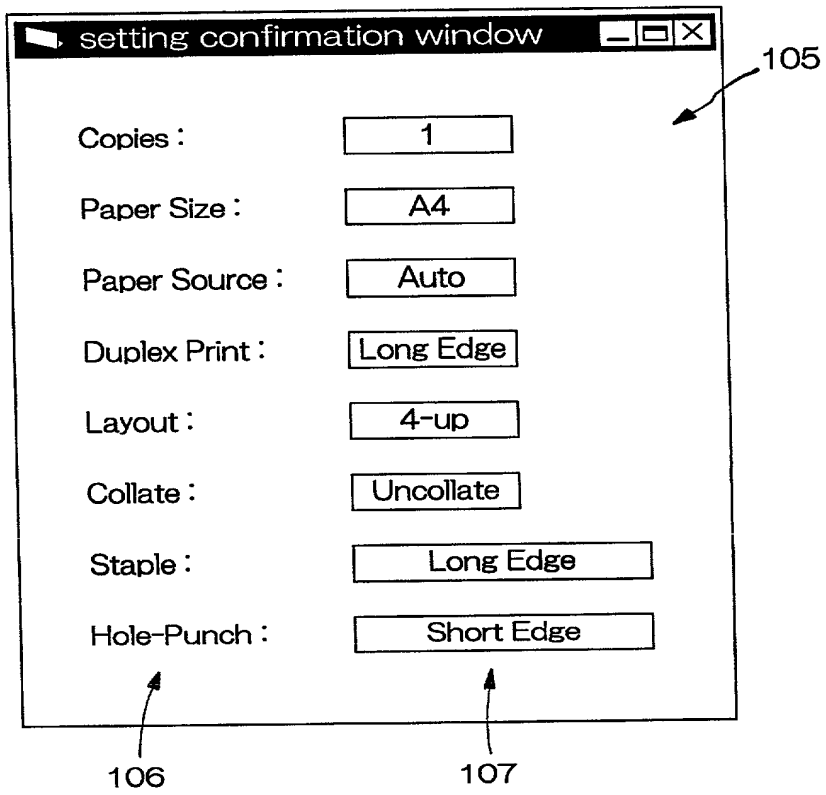

setting confirmation window
105
Copies :
1
Paper Size :
A4
Paper Source :
Auto
Duplex Print :
Long Edge
Layout :
4-up
Collate :
Uncollate
Staple :
Long Edge
Hole-Punch :
Short Edge
106
107

Fig.16

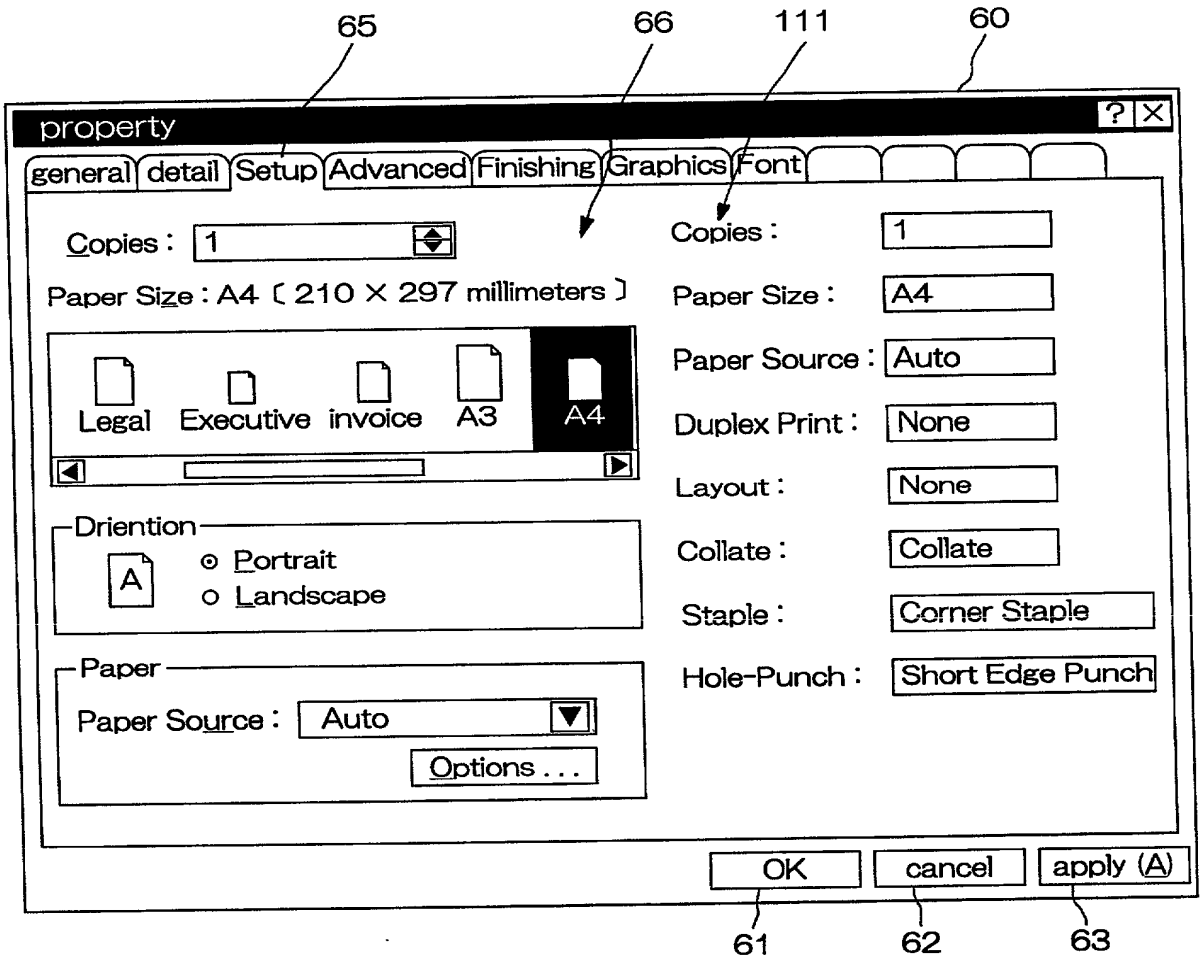
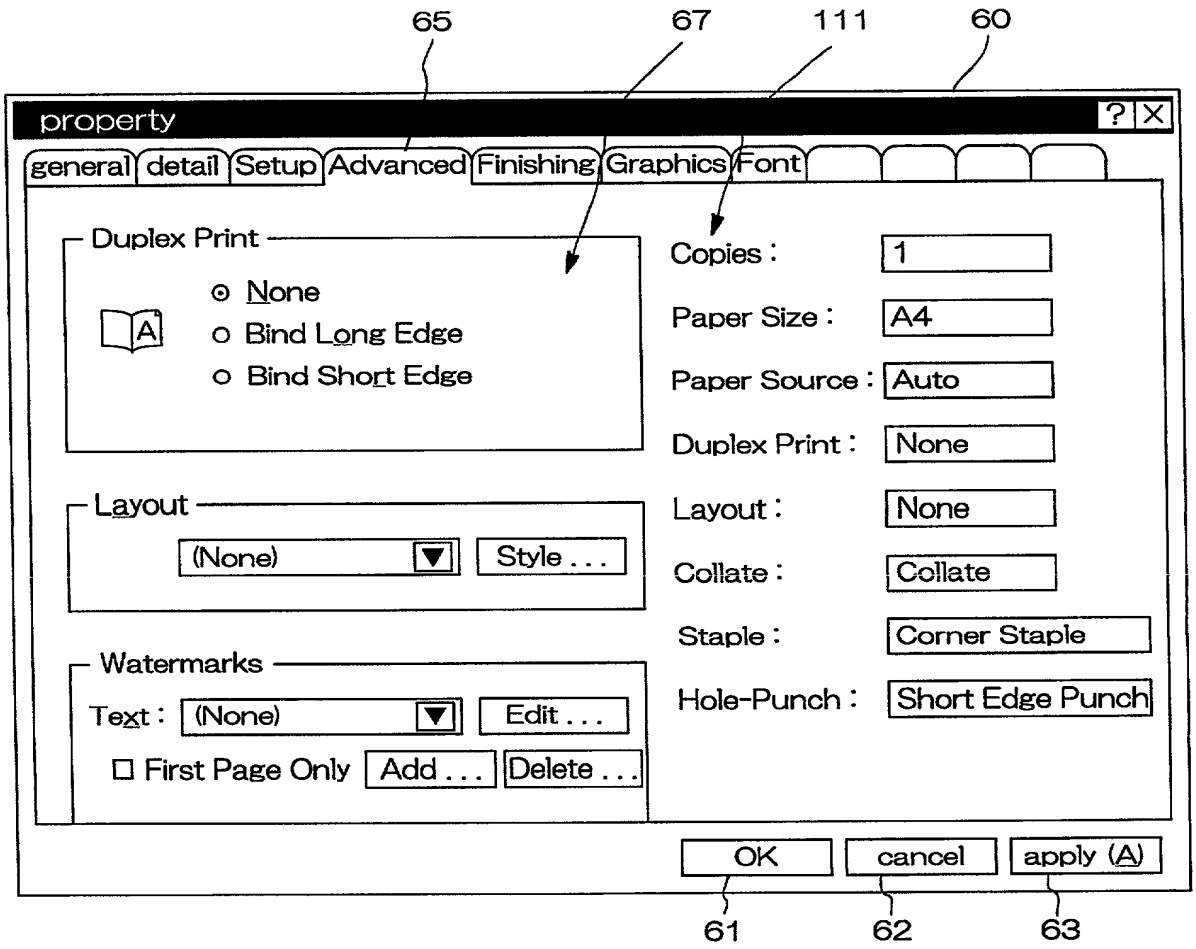

65
66
111
60
property
general
detail
Setup
Advanced
Finishing
Graphics
Font
Copies : 1
Paper Size : A4 〔 210 × 297 millimeters 〕
Legal
Executive
invoice
A3
A4
Drientation
Portrait
Landscape
Paper
Paper Source : Auto
Options . . .
Copies : 1
Paper Size : A4
Paper Source : Auto
Duplex Print : None
Layout : None
Collate : Collate
Staple : Corner Staple
Hole-Punch : Short Edge Punch
OK
cancel
apply (A)
61
62
63

Fig.17


65
67
111
60
property
general
detail
Setup
Advanced
Finishing
Graphics
Font
Duplex Print
None
Bind Long Edge
Bind Short Edge
Layout
(None)
Style . . .
Watermarks
Text :
(None)
Edit . . .
First Page Only
Add . . .
Delete . . .
Copies :
1
Paper Size :
A4
Paper Source :
Auto
Duplex Print :
None
Layout :
None
Collate :
Collate
Staple :
Corner Staple
Hole-Punch :
Short Edge Punch
OK
cancel
apply (A)
61
62
63